



Sughrue

SUGHRUE MION, PLLC

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

www.sughrue.com

March 17, 2004

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Application of Mitsuaki HIROKAWA, Masaaki ANDO, Shinichi CHIKURA and Satoru ISHIHARA
SPIRAL SEPARATION MEMBRANE ELEMENT
Assignee: **NITTO DENKO CORPORATION**
Our Ref. Q80363



Dear Sir:

Attached hereto is the application identified above comprising thirteen (13) sheets of the specification, including the claims and abstract, one (1) sheet of drawings, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

Total claims	<u>7</u>	-	<u>20</u>	=	<u> </u>	x	\$18.00	=	<u> </u>	\$0.00
Independent claims	<u>1</u>	-	<u>3</u>	=	<u> </u>	x	\$86.00	=	<u> </u>	\$0.00
Base Fee										\$770.00

TOTAL FILING FEE	\$770.00
Recordation of Assignment	\$40.00
TOTAL FEE	\$810.00

Checks for the statutory filing fee of \$770.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-077926	March 20, 2003

The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By: Paula J. Reich *33,102*
Mark Boland
Registration No. 32,197

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE
23373
CUSTOMER NUMBER